

OK_RGB61C-4E High Resolution Frame Grabber



Description

OK_RGB61C-4E can capture and compress DVI signals at high speed. Using digital comb filtering and anti-aliasing filtering technology to improve image clarity.

Main Parameters

| | |
|-------------------------|---|
| Acquisition Signal Type | DVI/ RGB |
| Support Video Format | RGB, HSync, VSync and DVI single link |
| MAX Resolution | 1920×1200@60Hz |
| MAX Frequency | RGB 205MHz DVI 165MHz |
| Bus | PCI-E×4 |
| Cache Format | RGB8888、RGB888、RGB565、RGB555 and GRAY8 |
| Adjustment | Brightness and contrast can be adjusted independently |
| Mirrored Mode | Horizontal/Vertical mirror |
| Synchronization Mode | Green, Row field separation, Compound |
| External Trigger | TTL (falling edge valid) |
| Signal Detection | Automatic |
| Video Compression | Video signal source is collected and compressed at the same time, without interference from each other. |
| Compression Format | MJPEG |

Software Support:

Platform: Provide drivers, development libraries and demonstration programs.
Secondary development: Support for development languages such as VC, VB, Delphi, C++Builder, LABVIEW, MATLAB, etc.



Application

OK_RGB61C-4E is suitable for high precision and high resolution image processing fields, such as streaming media, medical image acquisition equipment (such as ECT, standard and non-standard color Doppler, etc.), radar signal acquisition, monitoring network communication and so on.